

28. *DICHOCROSIS FESTIVALIS* SWINH. (LEPIDOPTERA: PYRALIDAE) —
A NEW PEST OF LITCHI *LITCHI CHINENSIS* SONN.

Dichocrosis festivalis Swinh. was recorded for the first time as a new pest of litchi *Litchi chinensis* Sonn. in some litchi orchards of Manglore (Hardwar). Its maximal activity was noticed in the first fortnight of June, during 1988-89 and 1989-90. The infestation was recorded to be 11.36 to 33.33%. The newly hatched larva, which is pinkish brown in colour, makes a small hole near the stalk end of the fruit and enters the larva after going through the pulp, bores into the seed and feeds on the endocarp and the cotyledons at the anterior end of the seed. The damaged portion of the fruit becomes filled with brown coloured frass and excreta of the larva

matching with the colour of the endocarp. The affected fruits fall prematurely. Full grown larva having pinkish brown colour measures about 7.5 mm x 1.74 mm. The moths are of medium size, uniformly brownish yellow with numerous black dots on the wings. The insect, though it has caused very serious damage to litchi fruits during the last two years, is of restricted and sporadic occurrence.

We thank Dr. Pratap Singh, Forest Entomologist, Forest Research Institute, Dehra Dun for identifying the insect.

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29. RECORD OF THE ARACHNID ORDER SCHIZOMIDA FROM
ARUNACHAL PRADESH

The Schizomida are one among the scarcely known arachnids that occur in India. The animals belonging to this order are commonly known as micro-whip-scorpions, and are generally found in forest litter, under stones and crevices in rocks. Due to their rarity and small body size they are not usually noticed.

There are as many as 15 species described from India, Sri Lanka and Burma (Bastawade 1988, and Bastawade *et al.* 1988). Among these only four species have been described from India (Bastawade 1988) and including the species *Schizomus sujuensis* Gravely 1925 described from Suju caves, Garo Hills, Meghalaya (earlier Assam) in north-east India.

During a recent faunistic survey of Lohit, Tirap and Changlang districts of Arunachal Pradesh in February-March 1990 by Zoological Survey of India, Arunachal Pradesh Field Station, Itanagar I collected two mature Schizomids, one male and one female. These specimens were collected from Miao (450 m above msl) in Tirap district. Unlike specimens found under stones and crevices in western India, these

were collected from under a log. They are larger in body size (6.5 mm) and pinkish yellow in colour differing both in size (4.00 to 5.00 mm) and colour (dark olive green) from the Western Ghats forms.

The Schizomids were not known from Arunachal Pradesh before the present collection. This record is an extension of the known distribution.

Correct taxonomic assignment awaits detailed examination of the genitalia and comparison with *Schizomus sujuensis* Gravely.

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